MILWAUKEE RADIO AMATEURS CLUB
Membership Meeting
January 25, 1996

Pres. Wille called the meeting to order at 7:20 PM and passed the mike around for introduction of 33 members and guests. Following the introductions, he called for the reading of the minutes of the Nov. 30th membership meeting.

The Secretary read the minutes, which were approved after correction by the Pres.

Bob Ranney was introduced as a new club member, and was greeted by a round of applause from the audience. Bob has impaired eyesight, similar to that of Phil Lehmann-welcome to the club, Bob.

The Pres. announced that Travis Baird, W9VQD, had passed away on Jan. 24th. Marian called Ed with the sad news, and told him of memorial service to be held on Sat. Jan. 27th, at the United Methodist Church of Whitefish Bay, on Silver Spring and Lake Shore Dr. She asked that memorials be made in lieu of flowers, to the QCWA Scholarship Fund. Ed will speak at the service.

Ken Eggert read the Tresurer's report, and reminded all and sundry of dues payments for the new year. The next issue of the Chatter will carry a stamped message as a reminder, if dues remain unpaid. He reported the 1995 Christmas party as a success, and came close to paying for itself.

Jim Tromblay passed out membership certificates to the members present.It was decided that remaining members would pick up their certificates at the next meeting-those ill, or out of town would have theirs mailed.

The Pres. complimented Dave DeFeboe, WB9BWP, for his beautiful computer art on the certificates.

Club membership cards,not available for a long time,have been completed and inserted into the Chatter-thanks to Jerry Thompson for excellent work in timely fashion.

Ed gave a VEC report in the absence of Jack Krause, (W9JK). 26 took tests at the Waukesha Hamfest, and 17 passed. Two persons showed up on the next Wednesday to take the test. Tests will be given next at the AES Superfest on April 26-27 at the store.

The Pres.announced that will be openings for four officers and three Directors at the June election. He hopes it will be a fruitful election, as he does not like to make appointments!

Jim Tromblay gave a Repeater report to the effect that it is still operating reliably, and coverage is improved with the new antenna. He was asked by KF9PU if an additional net could be run at aother time, which have to be done after an additional vote. We still need additional net controls for the nets presently running.

The 466-HAMS phone is Ed's bedroom, and he turns the answering machine off at midnite. He does not appreciate calls at 2:00 AM! He requests that callers leave their phone no.'s so that he may return calls promptly. He urgently requests that NO ONE should call the Wauwatosa Bank for information,as they have no answers to your questions, AND DO NOT WANT ANY CALLS!

There being no more business, the meeting was adjourned, and N9VNT and Kathy took up their mess sergeant details once more-thank you both for excellent service.

After the break,a discussion was held on antennas and related subjects. Ed displayed two new books in use at the school, one for General instruction, and the other for the Advanced classes. Fred passed around a handout on the subject of SWR, taken from a text by Walt Maxwell, W2DU. He points to many misconceptions by way of a true or false presentation, and explodes several popular notions which are not actually true,but are widely held. Ed showed his MFJ antenna analyzer which is connected only to the antenna, and not to the transmitter. Fred showed curves he had run on two different antennas, showing that of the antenna alone, and the other data run with a small tuner.

Roger Zaun, W9UVV, showed two antennas, a four and an eleven element beam with T matching networks. He also explained the vertical with four sloping radials, and discussed their effect as an impedance changer, in addition to decoupling the radiating element from the coaxial feeder.

Fred explained the cross-polarized beam which he uses on 2meters, and pointed out the difficulty in adjusting the two matching gamma networks, as they have interlocking characteristics.

After much discussion, and the demonstrations were completed, the meeting broke up about 9:30 PM.

Respectfully submitted,

Fred A. Linn

FRED A. LINN
Secretary

MILWAUKEE RADIO AMATEURS CLUB
GENERAL MEETING
FEB. 29, 1996

The meeting was called to order by Pres. Wille at 7:30 PM and preliminary remarks were made by Ken Eggert concerning membership, dues,and investments.

Pres. Wille announced that next meeting would be March 28th,pointing out that the meeting location is in limbo. Watch the Chatter for further info.

He announced Field Day dates of June 29th & 30th, at Pioneer Village,and Jim Tromblay will need some help in set up.John Merkl will assist,and will welcome any extra help available.We are trying to get more operating time in,and have another CW station if possible. Some new antennas will be tried, and perhaps put up ahead of time.

Dave De Feboe informs that the school will start on March 27th,Jim Tromblay will assist with his code instruction and Dave will be in overall charge.Novice and Tech at 5 wpm will be available,but Jim informs that under the present set up,13 wpm instruction simultaneously with the slower speed is difficult. The school will be held again at Manor Park, arranged by Phil.

We have a nominating Chairman-Pancho Doneis,and we will be electing 3 Directors and all of the Officers with terms expiring.Ed also announced that we have a folding machine,and if any one is interested in it, see Jerry Thompson.

Roger Zaun announced the availability of magazines from Travis' collection, and they are available for the taking.

Ed announced the acknowledgement of receipt by the QCWA Hq. of the $250 gift to their Educational Fund, in Travis' name. This is a fund which has been in existence for years, and was established while he was a National Director of QCWA.

He also announced that Tom Gettleman's wife wrote a book on the Gettleman Brewery...Orv Stewart was mentioned in the history, and his photo appears therein.

Vern Teske, W9RYA, spoke about Bill #544 coming up in March 13th, interesting to radio amateurs.

Ed Wille gave a talk about video tubes and quoted statistics of the various recorders from 1952 thru 1986, covering size, tubes, and prices.

The break was taken at 8:30, with W9UNT and XYL performed the culinary services.

After the break, the mike was passed around for identification of those present.

Following this recess, then, a half-hour tape was shown, Video Maker presentation produced by Video Maker Magazine. This covered lenses, Telephoto, wide angle, and macro lenses. Following this, a discussion of depth of field, lighting, was presented. Scenes with flat, harsh, or fields with excessive glare, could be controlled by changing lights and their effects. The video concluded at 9:30PM.

The raffle was conducted by N9UFJ and Jackie Horowitz,ending about 9:45PM

Respectfully submitted,

FRED A. LINN
Secretary

MILWAUKEE RADIO AMATEURS CLUB
MEMBERSHIP MEETING March 28, 1996

Pres. Wille called the meeting to order at 7:35 PM, and passed the mike around to permit introductions of members and guests.He called for the reading of the minutes of the Feb. 29th meeting.The minutes were approved as read.

The Treasurer gave an abbreviated report, with a total of $16352.12 in all accounts. He reported that membership certificates and membership cards are available, and that the club now has 180 members, including 7 new members.

The first night at school had 5 students in the 13 w.p.m. class, & 7 in the Novice and Tech. classes, held on the 2d floor,including 2 visually-impaired students.Fred Krause and Ken Eggert helped on the 1st school session.The new students who signed as members are

Joe Ruderer N9USA	Matthew Planning
James Phillips	William Lubitz
Debrah Bierbach	Allen Drobac
Robert Tisbale	Clifford Staeven

Pancho has designed a new QSL card, and that it will be ready for Field Day use. It will also be used on our Friday nite, 2 m. nets. Send cards to the P.O. Box after the contact and the Club will respond. The Pres. asked for a volunteer QSL manager, who would also handle certificates and membership cards.

Ed announced the donation of a new TA33 Mosely 3 element beam. This is our 2d beam,and requires a means of support and rotation.Jim has a 2 m. beam for use on Field Day.

We will need operators for the gear on hand during the event. A map has been sent to Pancho for publication in the Chatter.There are no detours this year, so stop in and see us at the site.

Verne Teske-W9RYA-has donated 2 tickets to the So. Milw. Hamfest,to be used in the raffle. We have the donation of technical books and manuals from Travis' collection-free for the taking.

The Pres. pointed out that there are exam schedules at the desk. ARRL is back into the NCVEC,and everything seems to be going peacefully.

The meeting broke at 8:05 PM for refreshments, to be followed by the evening's presentation.

The President announced the evening's program, as being presented by Dick Engle, who works at AES. The subject is the ARPS, (Amateur Packet Reporting System), and the GPS (Global Positioning System). The system presents a map on the screen, positioned accurately to 100 ft., anyone transmitting on the frequency. This will also spot tornadoes on the display. Last year the Circus Train was spotted from Baraboo to Milwaukee. The system uses references to 4 satellites. An excellent program, demonstrating for the first time to the majority of the members.

Respectfully submitted,

Fred A. Linn

FRED A. LINN, Sec,y.

MILWAUKEE RADIO AMATEURS CLUB
Membership Meeting
April 24, 1996

President Wille called the meeting to order at 7:30 PM, and called for the reading of the minutes of the previous meeting. There being no corrections, the minutes will stand approved as read.
The mike was passed around to permit the introduction of attendees.
He announced that flowers had been sent to Phil Lehman, presently in the hospital.
He explained that our next meeting will be held at the WTMJ studios on Capitol Dr. May is also the month for elections, and a list of candidates will be published in the next issue of Chatter.
The Pres. announced our presence at AES on Sat. (26th), and that he needs help in manning the table.
Ken Eggert gave a brief Treasurer's report:

176 members paid to date
$16,388.52 (VEC, Club, Repeater Funds)

He also announced that membership certificates and cards are available at the table at the rear.
The Pres. turned the mike over to Orv Stewart who interrogated the members on several subjects:

1. How many have FAX capabilities	7
2. How many have computers	33
3. Those who do not have computers how many are considering one this year	2
4. How many are now in the Internet	5
5. How many are considering "	5
6. How many are on packet	9
7. How many are considering packet	5

He announced this is the anniversary of the 1st automobile-Winton and that he has brochures from that time, one for the 1st gasoline engines.
Pancho read the slate of candidates for the May election:

Pres.	Ed Wille	Director:	Carlos Barron
1st VP	Dave De Feboe		Tom Gettleman
2d VP	Kate Kedney		Rick Kissell
Sec'y.	Jim Tromblay		Fred Linn
Treas.	Ken Eggert		Tom Sherlowski
			Roger Zaun

The Pres. discussed the printing of the last Chatter, and announced that Sterman Printing is now out of business.He took the project to Office Depot.The printing was done quickly,simplified, and the cost was 50% of the old source. The new process will permit publication of illustrated articles- with the new scanner, we will have a very much improved product.He asked for submission of technical articles of general interest to the membership.
Roger Zaun explained the evening's raffle, and pointed out numbers of technical books, free for the taking.
The Pres. explained the evening's program.
There being nothing further,the business meeting adjourned at 8:05P

Respectfully Submitted

FRED A. LINN Sec'y.

MILWAUKEE RADIO AMATEURS CLUB
MEMBERSHIP MEETING
May 30, 1996

The Pres. opened the meeting at 7:10PM at the studios of WTMJ, 620 KC, in Milwaukee, Wi., and called for the reading of the minutes of the previous meeting. The minutes were read and approved.
The purpose of the meeting was to tour the studios, and to inspect the TV and FM transmitters.Our general meeting will be held after completion of the tour,wherein we will conduct our election of Officers and Directors for their ensuing tours of duty.
We are thankful for our guides' explanation of the facilities, and for their skillful routing to eliminate inter-group confusion-(Will Koeller, John Schweitzer, and Todd Templin did the honors).
49 members and guests were in attendance-our route of March started in the AM & FM studios, where explanations were given, and programing sequences were explained.
After the groups re-assembled, Pres. Wille explained the election procedure, and ballots prepared by Jerry Thompson were distributed. Ed explained the requirements of the election process, and the use use of proxies on file, if the necessary 15% of membership needs were not met.
While the ballots were being completed and collected, the Pres. made reference to the up-coming Field Day event, and the need for volunteers to perform various functions. Jim Tromblay is in charge of set-up and site arrangements. Pancho has arranged an early issue of the Chatter with maps showing the access routes and the site layout. This will have a somewhat different appearance, due to the presence of track and caboose installations, plus a different fence arrangement.
While the ballots were being counted, the group took a break for coffee +, and various discussions of the equipment which was displayed during our tour, were held.
The results of the election will be published in the next Chatter, and were as follows as presented by Jerry Thompson, Teller:

	OFFICERS		BOARD OF DIRECTORS	
Pres.	Ed Wille, W9PWG	(New)	Carlos Barron	KG9FC
1st VP	Dave De Febo WB9BWP		Fred Linn	W9NZF
2d VP	Kate Kedney KA9MWT		Roger Zaun	W9UVV
Sec'y.	Jim Tromblay WB9LNU	(Old)		
Treas.	Ken Eggert W9MOT		Pancho Doneis	KA9OFA
			Dick Schlatterer	KA9MTY
			Jerry Thompson	WA9SFH

There being no further business,the meeting was adjourned at 2230.

Respectfully submitted,

FRED A. LINN
Secretary

Field Day 1996 - Results and some interesting facts.

This year 27 members and 14 guest attended our clubs field day event. We also had the River Valley Bikers sharing the Depot area with us on Sunday. One visiting couple was from Wiltshire, England.

Our food crew, as usual, really out did themselves, and they even came out and helped put up the antennas. Bessie, Lynn, Jacquie, Pat, John and Ken, thanks very much for all the work you did to setup a very nice lunch for all of us.

This year we had two star setups, Orv Ka9ONQ with his packet station and Irv W9GA and Fred W9NZF with their CW station.

The band conditions this year were very poor. Still, our group, with the help of the extra points gained from having a packet station and Vhf station, have equaled the score we had last year.

I want to express my special thanks to John WB9PSE for all his help as co-chairman this year.

One last note on Field Day. The ARRL provided a all-time record sheet with the rules sheet and I thought some of the information would be of interest to all of you.

The all time highest number of simultaneous transmitters on the air at one time from one club, all within a 500 foot radius from one another is 25.

The highest number of QSO's is 7151 and this was done by only 5 stations during a 24 hour period.

And finally the highest number of operators from one club to operate field day is 295.

Our score this year is approximately 1118 points. The highest ever recorded was 30,150 points.

73's

Jim WB9LNU

Milwaukee Radio Amateurs Club
Membership Meeting 6/27/96

Our pres. opened the meeting at 7:35 and asked that the minutes of the previous meeting be read.
The minutes were approved as read.
Ken Eggert gave his treasurer's report stating that the general fund has $2,794.62
Money market account $501.60
Total including CD's $15,653.90
Ed then told us a story about all the fun he had at the Dayton Ham vention. Carlos got a good roasting.
The field day report was as follows:
27 members attended, 14 guest registered including a couple visiting our area from England.
5 members stayed over night Orv, Ed, John, Jim and Dick.
Ed video taped the field day events to show at a future meeting.
Orv KA9ONQ was the star attraction with his packet station.
Thanks to Bessie,Lyn,John and Ken we all ate very well.
Ed mentioned that he hopes that in the near future we can have Orv and others provide the members with a hands on packet demo at a club meeting. Mainly a demo on how to connect a packet station and the basic things you have to do to make your first contact.
Jack W9JK gave the VEC report. Jack says that 40 questions have been dropped from the entire question pool , novice thru extra. He had to remove them from all our test. Also the new extra class questions pool is out.
Our present VEC committee consist of Jack , Ed , and Les Peterson.
ED then asked our new guest present at the meeting to stand up and be recognized. Our members responded with cheerful applause.
Ed then asked Roger W9UVV to introduce all the newly elected officers to the membership. All were greeted with smiles and applause from the membership.
Roger then explained the rules of the raffle and that the funds will go for improvements on the repeater.
Orv Stewart has again made the arrangements for our club xmas party it will be on Dec. 8 at Alioto's on Hwy 100 Ed mentioned that it was a good thing that Orv made the arrangement now because all time periods for xmas parties had been already taken and we got the last available time slot.
Ed explains that the video for tonight will be on Edison. and that the club now has a extensive video collection. these video's are club property and can be borrowed at any time by request to Ed.
The club bought 2 FAX machines 1 for the Chatter editor , Pancho and 1 for the Secretary Jim. Ed explains that we live in a modern communications age and that this is the wave of the future.

All club property will be inventoried and moved to a locker in an effort to keep it all in one place. It is now being stored at Ed's , Jim's and Fred Linn's. QTH.

Roger Zaun brought up that the notice in QST in regard to the possible 2 meter and 70 cm. band allocation change needs immediate recognition. He requested the the President direct the secretary write a letter on behalf of the membership at state the clubs position on this matter.

Dave Defebo states that school will go on this fall provided that we have enough people sign up and that we still have the nursing home for a place to meet.

Dave also exercising his new position as 1st vice president requested that he would like the members to let him know what they would like a future club meetings for a program.

The meeting was adjourned at 8:10

refreshments and the video followed.

Respectfully submitted,

Jim WB9LNU

Secretary

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The meeting was adjourned at 8:10

Refreshments and the video followed.

Respectfully submitted,

Jim WB9LNU

Secretary

MRAC Membership Meeting 7/25/96

Our president called the meeting to order at 7:32P.M. and passed the mic around for all members to identify themselves.

The minutes were read and approved as written.

Ken W9MOT gave an abbreviated treasures report.

Dave WB9BWP expounded on the up coming school and that it will start September 11, providing that we have enough people sign up for class. And as of now the classes will be at Manor Park.

Jim WB9LNU gave the field day report. (About 1118 points, almost the same as last year.)

Ken, or treasurer states that starting October first - He will start collecting dues for the following year. And all dues from all members is due by 1/1/97.

Business meeting was adjourned at 7:50PM

General news

Ed says that Jack and Les are both stepping down from the VEC program but will be available to Ed if he needs advice. And at present we have only one VE testing group chairman, Jim Stout. We however have 78 VE volunteers on our list.

Ed and Ken showed slides and expounded on their trip to the VEC conference and the FCC.

Ed mentioned how active the present club officers are and their committee members. However, we seem to playing musical chairs and don't have much new blood getting involved. He is open for ideas. He wishes that some of the younger people would speak up and say what they would like to do.

Coffee break:

Followed by a very enjoyable video on the Wright Brothers.

Approved

Respectfully submitted,

Jim WB9LNU
Secretary

Accepted as written.

MRAC Membership Meeting 8/29/96

The meeting was called to order at 7:36pm.

The mic was passed around for all to identify themselves.

The minutes were read and approved as written.

~~Ken did not have a~~ No treasurers report ~~prepared.~~ Given

Ed informed the membership that as of 1/1/97 we will no longer have the bank as a meeting place due to a remodeling project to turn the room we are using into office space for the bank.

Ed asked the members if they have any ideas where we can Meet in the future.

Ed reported that Roger's wife is O.K. after hip surgery and Ed Seruga KE9JJ is home now.

Dave says that anyone who is thinking of coming to school should call 466-HAMS and register for class. Or just show up on 9/11 at the Manor PARK.

Ed says the video on lightning was very poor and not worth watching. So he brought some video's on Yeasu equipment that he picked up from AES.

Jerry: We are looking in getting jackets for the club with each persons name and call on it plus of course MRAC on the back. More details later.

Business meeting adjourned at 7:50pm.

John Merkl provided refreshments and Tom and Jackie ran the raffle.

Respectfully submitted,

Jim WB9LNU
Secretary

Accepted as written.

MRAC Member Meeting 9/26/96

The meeting was called to order at 7:30 pm.
The mic. was passed around for all to identify themselves.

Minutes were read and approved as written.

Treasures report as of 9/23/96

General fund	- $195.50
Repeater fund	$ 92.86
VEC	$1,751.79
Total	$1,649.15

Money Market $503.82

Total including CD's $14,425.96

Ken also gave a reminder to all members that the dues for next year is now due and all members should be paid up by 1/1/97 at the latest.

Dave's school report----- 5 in each class Code and Tech.

Ed---- VE testing will end at Wauwatosa Bank at the end of the year. They are looking for a new site for the last Saturday of the month testing. More on this later.

The new meeting site effective 1/1/97 for sure is going the be Redemption Church on Hwy.100 and Capitol.

Pancho--- " I can always use more articles or jokes or anything of interest to hams for the Chatter.

Ed---- The November meeting is going to be on the Wed. before Thanksgiving at Wauwatosa Bank.

Ed---- More info on the Xmas party will be in the next Chatter and hopefully also a food menu.

Ed presented Fred Linn W9NZF with some panoramic pictures he took of pioneer village with his new camera.

Business meeting adjourned at 7:55pm.

The video was on " The Navy's Best Kept Secret " An Island in the Indian Ocean.

Raffle by Tom and Jackie Food by John WB9PSE

Respectfully Submitted
Jim WB9LNU Secretary

Approved as written.

MRAC Membership Meeting 10/31/96

The meeting was called to order at 7:32P.M.
The mic was passed around for all to identify themselves.
The previous meetings minutes were read and approved as written.
Treasures report, as of 10/31/96 $1307.94 in the general and VEC fund.---$504.57 in Money Market fund plus our CD's.

Our President informed the membership that we will be testing at the Friendly Fest on Nov. 2ed. And at AES the Saturday after Thanksgiving.

The club and VEC group and individual donations for the ARRL Fight for our frequencies fund totaled $350.00. A check for that amount and a letter from the club's secretary was sent to the ARRL on 11/2/96.

Ed says that we will invite the new ARRL Division Vice Director to one of our future meetings and perhaps other local clubs as well. He hopes that we will get a full report on all the efforts of the ARRL projects for the advancement of Amateur Radio.

Kate reported on which members have been helping with the VE program and asked members who haven't helped recently to pitch in once and awhile.

Ed says that the Xmas party as coming along nicely and that we are getting the prizes together. He hopes there will be enough prizes, so that everyone will get something.
The music group will be the same as last year, including Dick, KA9MTY on his horn.

Roger and Ed gave and up date on the plans to get a club station on ATV and some club projects related to ATV at a future meeting in early 1997. Ed told us about his early years [redacted] experiments with TV and antenna's in 1946.
Roger would like to see some antenna or receiving converter project. Interested members can make a converter and the club will go on the air with W9RH TV using our UHF portion of our repeater antenna, so we have an omni- directional antenna.

Dave ---- Next months meeting will be on basic computers.

Meeting adjourned at 8:04P.M.
Raffle by Tom N9UFJ and Jackie
Food by Bill KF9FA

Respectfully submitted,
Jim, WB9LNU
Secretary

November 1996 Membership meeting.

The meeting was called to order @ 7:35.

The Mic. was passed around for all to I.D.

The previous meeting minutes were read and approved as written.

This was our last meeting at Wauwatosa Bank.

Our president, Ed, recommended to the membership that they send a Xmas card to the bank thanking them for the use of the meeting hall all these years.

Ed gave a report on yearly expenses of the club and why the yearly dues are $15.00. 50% of the dues pays for the Chatter.

The VEC division is supporting itself.

Xmas party--- 68 signed up to date.

Meeting adjourned @ 7:53P.M.

Dave WB9BWP Presented his computer program and answer session.

Respectfully submitted,

Jim WB9LNU
Secretary